

中国龙胆属一新种

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A NEW SPECIES OF *GENTIANA* FROM CHINA

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Key words *Gentiana*; *G. gannanensis*

关键词 龙胆属; 甘南秦艽

甘南秦艽 新种 图 1

Gentiana gannanensis Y. Wang et Z. C. Lou, sp. nov.

Herba perennis, tota glabra. Radix palaris robusta, brunnea, saepe simplex, superne usque ad 6 cm diam.. Rhizoma brevius, collo reliquiis petiolaribus fibrosis vestitum. Caulis sterilis, brevis, 3—5 mm longus. Folia basilaria rosulata, lanceolata vel anguste lanceolata, integra, 3—5-nervia, (10—)20—23(—31) cm longa, 1.5—4 cm lata. Caulis fertilis subcylindricus, simplex, oblique ascendens, 20—40 cm altus, interdum apice gracilior, curvatus. Folia caulina opposita, anguste lanceolata, 2.5—9 cm longa, 1—2 cm lata, margice integra, 3—5-nervia, basi in vaginas longas connatas attenuata. Cymae capitatae, terminales vel axillares, verticillatae. Calyx late campanulatus, membranaceus, 5—6 mm longus, subinteger, apice asymmetricice bifidus, incisuris inaequalibus. Corolla urceolato-campanulata, 13—18 mm longa, fauce conspicue constricta, lobis 5 (interdum 6), patentibus, ovatis, albis apice obtusis, plicis oblique triangularibus, apice plerumque 2—3-denticulatis vel integris. Stamina 5, inclusa, infra medium tubi corollae affixa, filamentis c. 8 mm longis, inferne latioribus, antheris flavo-albis, oblongis. ovarium estipitatum, longe conicum, stylo inconspicuo. Capsula anguste oblonga, 2.1—2.3 cm longa. Semina exalata.

Haec species affinis *G. macrophyllae* Pall., a qua differt calyce late campanulato, apice truncato et asymmetricice bifido, incisuris inaequalibus, corolla urceolato-campanulata, fauce conspicue constricta, lobis albis, patentibus, plicis oblique triangularibus, ovario longe conico, stylo inconspicuo, capsula anguste oblonga.

Gansu (甘肃): Hezuo (合作), alt. 3800m, 18 Jul. 1984, Y. Wang (王英) 840004 (Type, PMC)。

多年生草本。主根粗大明显, 上端直径可达 6 cm, 呈长圆锥形, 表面褐色或棕色, 具

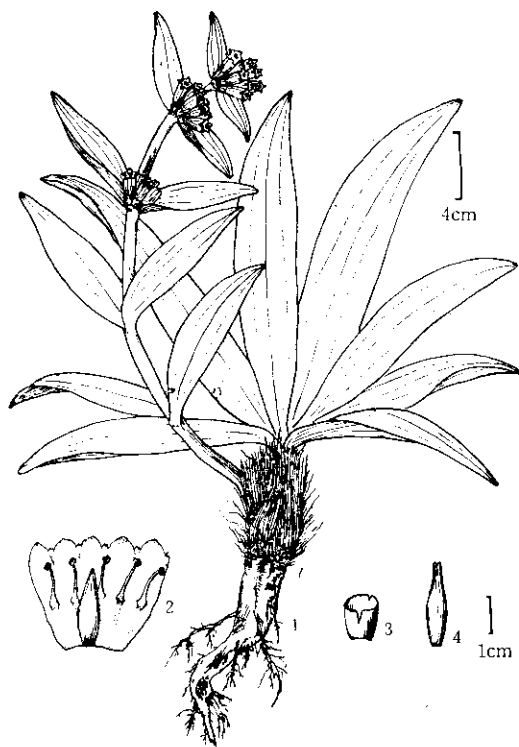


图1 甘南秦艽 *Gentiana gannanensis* 1.花株 Flowering plant; 2.花剖开 Flower opened; 3.花萼 Galyx; 4.蒴果 Capsule。

纵向的沟纹,较少分支。根茎较短,被致密的纤维状叶柄残基包围。营养茎短,3—5 mm。基生叶呈莲座状着生,披针形或狭长披针形,长(10)20—23(31) cm,宽1.5—4 cm,全缘,具3—5条叶脉。花茎近圆柱形,不分枝,多斜升,有时顶端较细而弯曲,高20—40 cm;茎生叶对生,狭长披针形,长2.5—9 cm,宽1—2 cm,全缘,叶脉3—5条,叶基部连合,在茎下部的常连合形成长的叶鞘。聚伞花序由数朵或十余朵花簇生枝顶呈头状,或腋生作轮状,有时在顶下第二对叶腋处形成2总花梗,数朵花呈聚伞状簇生顶部。花萼宽钟状,膜质,长5—6 mm,先端常不对称地二裂,少有不裂,裂口一深一浅,萼齿不明显,近全缘,偶见小齿状刻缺。花冠坛状钟形,长13—18 mm;喉部缢缩明显;裂片5,偶可见6,平展,卵形,白色,先端圆钝;褶为斜三角形,先端常见2—3小齿或无。雄蕊5,内隐,着生在花冠筒中下部,花丝长约8 mm,下部较宽,花药黄白色,长圆形。子房无柄,呈长圆锥形,花柱不明显。果实狭长圆形。种子无翅。

本种分布于甘肃省甘南州、临夏州及青海省民和县等地。生长在高山草原,向阳山坡,海拔3000—4000 m处。

新种近于秦艽 *Gentiana macrophylla* Pall., 区别点在于花萼宽钟状,先端不对称二裂或少有不裂,裂口一深一浅,近于全缘;花冠坛状钟形,喉部缢缩明显;裂片白色,平展;子房近长圆锥形,花柱不明显;果实狭长圆形。